SEP 2 0 2001

K012082

SYBRON DENTAL SPECIALTIES

Section III - 510(k) Summary of Safety and Effectiveness

Submitter:

Sybron Dental Specialties, Inc.
1717 W. Collins Avenue
Orange, California 92867
(714) 516-7484 - Phone
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Colleen Boswell - Contact Person

Date Summary Prepared: June 2001

Device Name:

- Trade Name – *OptiBond Solo Plus Activator*
- Common Name – Resin Tooth Bonding Agent
- Classification Name – Resin Tooth Bonding Agent, per 21 CFR § 872.3200

Devices for Which Substantial Equivalence is Claimed:

- Dentsply Caulk, *Prime & Bond NT Dual Cure*

Device Description:

OptiBond Solo Plus Activator is a multi-purpose bonding agent designed to work in conjunction with *OptiBond Solo Plus*, a Class II device which was granted marketing clearance by FDA following the submission of a 510(k) premarket notification. *OptiBond Solo Plus Activator* can be used for the bonding of core materials, resin cements, and cementation of posts and amalgams.

Intended Use of the Device:

The intended use of *OptiBond Solo Plus Activator* is for bonding of core materials, resin cements, and cementation of posts and amalgams.

Substantial Equivalence:

OptiBond Solo Plus Activator is substantially equivalent to other legally marketed devices in the United States. The bonding agent marketed by Dentsply Caulk functions in a manner similar to and is intended for the same use as the product manufactured by Kerr Dental Materials Center.

Section IV -- Substantial Equivalence

The table on the following page compares the bonding property of *OptiBond Solo Plus Activator* to one other legally marketed, Class II device which was granted marketing clearance by FDA following the submission of a 510(k) premarket notification. The 510(k) number for the predicate device, *Prime & Bond NT Dual Cure*, is K982394 dated September 21,1998.

Representative labeling for the device to which equivalence is being claimed is also included on the following pages. *OptiBond Solo Plus Activator* functions in a manner similar to and is intended for the same use as *Prime & Bond NT Dual Cure* marketed by Dentsply Caulk. Additionally, the product specifications for *OptiBond Solo Plus Activator* are also provided in this section.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

SEP 2 0 2001

Ms. Colleen Boswell
Director, Corporate Compliance
Sybron Dental Specialties, Incorporated
1717 West Collins Avenue
Orange, California 92867

Re: K012082
Trade/Device Name: Optibond Solo Plus Activator
Regulation Number: 872.3200
Regulation Name: Resin Tooth Bonding Agent
Regulatory Class: II
Product Code: KLE
Dated: June 29, 2001
Received: July 3, 2001

Dear Ms. Boswell:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies.

You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (section 531-542 of the Act; 21); CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html.

Sincerely yours,

Timothy A. Ulatowski
Director
Division of Dental, Infection Control
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Section I

Indications for Use Statement

Ver/ 3 - 4/24/96

Applicant: Kerr Dental Material Center

510(k) Number (if known): K012082

Device Name: OptiBond Solo Plus Activator

Indications For Use:

OptiBond Solo Plus Activator is a multi-purpose bonding agent designed to work in conjunction with a tooth bonding agent. *OptiBond Solo Plus Activator* can be used for the bonding of core materials, resin cements, and cementation of posts and amalgams.

Susan Runner

(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number K012082

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

(Per 21 CFR 801.109)
(Optional Format 1-2-96)